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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/676,714	09/30/2003	Philippe Wendling	B-5244 621288-3	2959

7590 12/22/2006  
Hewlett-Packard Company  
P.O Box 272400  
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Fort Collins, CO 80527-2400

EXAMINER
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FATAHI YAR, MAHMOUD

ART UNIT	PAPER NUMBER
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2629

SHORTENED STATUTORY PERIOD OF RESPONSE	MAIL DATE	DELIVERY MODE
3 MONTHS	12/22/2006	PAPER

**Please find below and/or attached an Office communication concerning this application or proceeding.**

If NO period for reply is specified above, the maximum statutory period will apply and will expire 6 MONTHS from the mailing date of this communication.

## Office Action Summary

Application No.

10/676,714

Applicant(s)

WENDLING, PHILIPPE

Examiner

Mike Fatahiyar

Art Unit

2629

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☒ Responsive to communication(s) filed on 02 October 2006.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 1-20 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-20 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.

### Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO/SB/08)  
Paper No(s)/Mail Date \_\_\_\_\_
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_\_
- 5) ☐ Notice of Informal Patent Application
- 6) ☐ Other: \_\_\_\_\_

### DETAILED ACTION

1. Claim 7 is rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

Claim 7 is vague and indefinite because it is not in a proper form. In other words, it does not further limit a preceding claim because it depends on claim 8.

2. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

3. Claims 1-8 and 12-20 are rejected under 35 U.S.C. 103(a) as being unpatentable over Tomooka et al((20001/0006375A1) in view of Hawthorne et al(5,764,209).

Tomooka et al disclose a plurality of display panels such LCDs(30) are connected to each other in a cascaded manner wherein each display panel(30) comprises a memory(32) for storing a generic data (such as EDID information) associated to each display panel and a microcontroller(31) for controlling the operation of the display panels[0060]-[0066]. Tomooka et al substantially all the features of the above claims except for the "storage of specific data which varies as a function of the manufacturing tolerances", "compensation of the manufacturing tolerances" and the "EEPROM". However, Hawthorne et al is cited to show that the concept of utilizing an EEPROM storage device(66) for storing specific data which varies as a function of

Art Unit: 2629

manufacturing tolerances and a controller for(36, 42, 64) for executing firmware that is responsive to the specific data for compensating for manufacturing tolerances of an LCD display device is old(Abstract; column 2; lines 1-22; column 5, lines 26-65; column 8, lines 35-56; column 9, lines 17-25 and figure 2). Thus, it would have been obvious to one of ordinary skill in the art to modify the system of Tomooka et al with the above noted teachings of Hawthorne et al such that to provide an EEPROM storage for storing specific data for compensating manufacturing tolerances of the display device because both references are related to driving of an LCD display devices having some sort of storage device for storing particular characteristics of the LCD display device such EDID information and/or manufacturing tolerances of the display.

In claim 8, relative the limitations "complying with one of VGA, SVGA, XGA, SXGA and UXGA standards", such is also shown to be old by Tomooka et al(see [0129]).

4. Claims 9-11 are rejected under 35 U.S.C. 103(a) as being unpatentable over Tomooka et al and Hawthorne et al as applied to claim 6 above, and further in view of Sterken et al(WO 00/70597).

Tomooka et al and Hawthorne et al are discussed above. Streken et al is cited to show the concept of selecting a white color temperature of 6500 Kelvin for a display device is old(see abstract and page 8, lines 7-16). Thus, it would have been obvious to one of ordinary skill in the art to apply the noted teaching of Streken et al to the modified system of Tomooka et al such that the data stored in the nonvolatile memory(32)

indicates the white color temperature of the display panel to be 6500 Kelvin because all the applied references are related to controlling parameters of a display panel.

5. Applicant's arguments with respect to claims 1-20 have been considered but are moot in view of the new ground(s) of rejection.

6. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after the end of the **THREE-MONTH** shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than **SIX MONTHS** from the date of this final action.

7. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Zalph and Mita are made of record to show various types of LCD

Art Unit: 2629

display devices having some sort of storage device for storing specific data for compensating manufacturing tolerances of the display device.


8. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Mike Fatahiyar whose telephone number is (571)272-7688. The examiner can normally be reached on Monday-Friday from 9:30 to 6:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Richard Hjerpe, can be reached on 571-272-7691. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

*MF*  
M. Fatahiyar

December 19, 2006

  
RICHARD HJERPE  
SUPERVISORY PATENT EXAMINER  
TECHNOLOGY CENTER 2600